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# GROSS DOMESTIC PRODUCT: FIRST QUARTER 2000 (FINAL) CORPORATE PROFITS: FIRST QUARTER 2000 (REVISED)

Real gross domestic product -- the output of goods and services produced by labor and property located in the United States -- increased at an annual rate of 5.5 percent in the first quarter of 2000, according to revised estimates released by the Commerce Department's Bureau of Economic Analysis. In the fourth quarter, real GDP increased 7.3 percent.

The GDP estimates released today are based on more complete source data than were available for the preliminary estimates issued last month. In the preliminary estimates, the increase in real GDP was 5.4 percent (see "Revisions" on page 3).

The major contributors to the increase in real GDP in the first quarter were: Personal consumption expenditures (PCE) and nonresidential fixed investment. The contributions of these components were partially offset by the effects of imports, of inventory investment, and of defense spending.

# Annual Revision of the National Income and Product Accounts

The annual revision of the national income and product accounts, covering the first quarter of 1997 through the first quarter of 2000, will be released along with the advance estimate of GDP for the second quarter of 2000 on July 28. An article describing the revision will appear in the August 2000 issue of the <u>Survey of Current Business</u>.

NOTE.--Quarterly estimates are expressed at seasonally adjusted annual rates, unless otherwise specified. Quarter-to-quarter dollar changes are differences between these published estimates. Percent changes are calculated from unrounded data and annualized. "Real" estimates are in chained (1996) dollars. Price indexes are chain-type measures.

The deceleration in real GDP in the first quarter primarily reflected downturns in inventory investment and in defense spending that more than offset accelerations in nonresidential fixed investment and in PCE.

The price index for gross domestic purchases, which measures prices paid by U.S. residents, increased 3.5 percent in the first quarter, 0.3 percentage point more than in the preliminary estimate; this index increased 2.3 percent in the fourth quarter. The upward revision primarily reflected upward revisions to prices of PCE for services. The fourth-to-first quarter acceleration in this price index also reflected the impact of a first-quarter pay raise for federal civilian and military personnel, which is treated as an increase in the price of employee services purchased by the federal government, and a sharp acceleration in energy prices. Excluding food and energy prices, as well as the federal pay raise, the price index for gross domestic purchases increased 2.1 percent in the first quarter, compared with an increase of 1.9 percent in the fourth.

<u>Real personal consumption expenditures</u> increased 7.7 percent in the first quarter, compared with an increase of 5.9 percent in the fourth. <u>Real nonresidential fixed investment</u> increased 23.7 percent, compared with an increase of 2.9 percent. Nonresidential structures increased 20.6 percent, in contrast to a decrease of 0.5 percent. Equipment and software increased 24.7 percent, compared with an increase of 4.0 percent. <u>Real residential fixed investment</u> increased 5.2 percent, compared with an increase of 1.8 percent.

<u>Real exports of goods and services</u> increased 6.2 percent in the first quarter, compared with an increase of 10.1 percent in the fourth. <u>Real imports of goods and services</u> increased 11.7 percent, compared with an increase of 8.7 percent.

Real federal government consumption expenditures and gross investment decreased 15.2 percent in the first quarter, in contrast to an increase of 14.7 percent in the fourth. National defense decreased 22.3 percent, in contrast to an increase of 17.2 percent. Nondefense decreased 1.2 percent, in contrast to an increase of 10.3 percent. Real state and local government consumption expenditures and gross investment increased 6.7 percent, compared with an increase of 6.4 percent.

The <u>real change in private inventories</u> subtracted 1.54 percentage points from the first-quarter change in real GDP, after adding 1.24 percentage points to the fourth-quarter change. Private businesses increased inventories \$28.0 billion in the first quarter, following increases of \$66.7 billion in the fourth quarter and \$38.0 billion in the third.

<u>Real final sales of domestic product</u> -- GDP less change in private inventories -- increased 7.1 percent in the first quarter, compared with an increase of 6.0 percent in the fourth.

#### **Gross domestic purchases**

Real gross domestic purchases -- purchases by U.S. residents of goods and services wherever produced -- increased 6.2 percent in the first quarter, compared with an increase of 7.2 percent in the fourth.

#### **Gross national product**

Real gross national product -- the goods and services produced by the labor and property supplied by U.S. residents -- increased 5.8 percent in the first quarter, compared with an increase of 6.4 percent in the fourth. GNP includes, and GDP excludes, net receipts of income from the rest of the world.

## **Current-dollar GDP**

Current-dollar GDP -- the market value of the nation's output of goods and services -- increased 8.6 percent, or \$199.1 billion, in the first quarter to a level of \$9,707.0 billion. In the fourth quarter, current-dollar GDP increased 9.4 percent, or \$210.1 billion.

#### **Revisions**

The final estimate of the first-quarter increase in real GDP is 0.1 percentage point, or \$1.5 billion, higher than the preliminary estimate issued last month. The upward revision to the percentage change in real GDP primarily reflected an upward revision to PCE for durable goods (\$3.5 billion), a downward revision to imports (\$3.4 billion), and an upward revision to exports (\$2.0 billion) that more than offset downward revisions to equipment and software (\$4.1 billion) and to change in private inventories (\$2.5 billion).

	Advance	<b>Preliminary</b>	<b>Final</b>
	(Percent cha	ange from preceding	g quarter)
Real GDP	5.4	5.4	5.5
Current-dollar GDP	8.2	8.2	8.6
Gross domestic purchases price index	3.2	3.2	3.5

## **Corporate Profits**

Profits from current production (profits before tax with inventory valuation and capital consumption adjustments) increased \$46.2 billion in the first quarter, according to revised estimates. In the fourth quarter, profits increased \$35.3 billion. Current-production cash flow (net cash flow with inventory valuation and capital consumption adjustments) -- the internal funds available to corporations for investment -- increased \$40.8 billion in the first quarter, compared with an increase of \$20.9 billion in the fourth.

Domestic profits of financial corporations increased \$1.7 billion in the first quarter, compared with an increase of \$19.5 billion in the fourth.

Domestic profits of nonfinancial corporations increased \$36.4 billion in the first quarter, compared with an increase of \$26.3 billion in the fourth. In the first quarter, real gross corporate product increased and profits per unit of real product increased. The increase in unit profits reflected an increase in the prices corporations received and a small decrease in the unit labor costs they incurred.

The rest-of-the-world component of profits increased \$8.3 billion in the first quarter, in contrast to a decrease of \$10.6 billion in the fourth. This measure is calculated as (1) receipts by U.S. residents of earnings from their foreign affiliates plus dividends received by U.S. residents from unaffiliated foreign corporations minus (2) payments by U.S. affiliates of earnings to their foreign parents plus dividends paid by U.S. corporations to unaffiliated foreign residents. The first-quarter increase was accounted for by a larger increase in receipts than in payments.

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The revised estimate of first-quarter corporate profits from current production is \$11.7 billion higher than the preliminary estimate issued last month. The foreign component of profits (rest-of-theworld profits) was revised up \$6.9 billion. Domestic profits of nonfinancial and financial corporations were revised up \$3.8 billion and up \$1.1 billion, respectively.

Profits before tax with inventory valuation adjustment is the best available measure of industry profits because estimates of the capital consumption adjustment by industry do not exist. According to this measure, domestic profits of both financial and nonfinancial corporations increased. Profit increases for nonfinancial corporations were widespread among major industry groups; the largest increase occurred in nondurable goods manufacturing and in retail trade.

Profits before tax increased \$50.2 billion in the first quarter, compared with an increase of \$32.5 billion in the fourth. The before-tax measure of profits does not reflect, as does profits from current production, the capital consumption and inventory valuation adjustments. These adjustments convert depreciation and inventory withdrawals reported on an historical-cost basis to the replacement-cost measures used in the national income and product accounts. The capital consumption adjustment decreased \$2.3 billion in the first quarter (from \$58.0 billion to \$55.7 billion), in contrast to an increase of \$1.0 billion in the fourth. The inventory valuation adjustment decreased \$1.8 billion (from -\$24.9 billion to -\$26.7 billion), in contrast to an increase of \$1.8 billion.

Profits tax liability increased \$15.1 billion in the first quarter, compared with an increase of \$16.3 billion in the fourth. Profits after tax increased \$35.2 billion, compared with an increase of \$16.3 billion. Dividends increased \$6.5 billion, compared with an increase of \$6.2 billion; undistributed profits increased \$28.7 billion, compared with an increase of \$10.1 billion.

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Summary BEA estimates are available on recorded messages at the time of public release at the following telephone numbers:

(202)	606-5306	Gross domestic product
	606-5303	Personal income and outlays
	606-5362	U.S. international transactions

Most of BEA's estimates and analyses appear in the <u>Survey of Current Business</u>, BEA's monthly journal. The printed <u>Survey of Current Business</u> is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. First class mail: Annual subscription \$120.00 domestic. Second class mail: Annual subscription \$48.00 domestic, \$60.00 foreign; single issue \$17.25 domestic, \$21.56 foreign.

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Next release -- July 28, 2000, at 8:30 A.M. EDT for: Annual revision (first quarter 1997 through first quarter 2000) and advance estimate of gross domestic product for the second quarter of 2000

Table 1Real	Gross	Domestic	Product	and	Related	Measures:	Per	cent	Change	From	Preceding	Period
		[Percent;	quarter	s s	easonally	y adjusted	at	annua	l rates	3]		

										illiuai i									
	1997	1998	1999	II 96	III 96	IV 96	I 97	II 97	III 97	IV 97	I 98	II 98	III 98	IV 98	I 99	II 99	III 99	IV 99	I 00r
Gross domestic product (GDP).	4.2	4.3	4.2	6.8	2.0	4.6	4.5	4.9	3.8	3.0	6.9	2.2	3.8	5.9	3.7	1.9	5.7	7.3	5.5
Personal consumption expenditures Durable goods Nondurable goods. Services	3.4 6.6 2.9 3.1	4.9 11.3 4.0 4.1	5.3 11.5 5.4 4.0	4.3 13.0 4.2 2.7	1.9 -1.5 2.2 2.5	2.9 5.0 4.0 1.9	4.4 10.9 3.8 3.4	1.5 -1.5 2 3.0	6.4 20.2 5.7 4.2	3.3 5.0 .3 4.5	5.8 16.9 5.8 3.7	6.1 11.2 6.7 4.9	4.0 4.1 2.4 4.7	4.6 20.4 5.0 1.5	6.5 12.4 8.9 4.2	5.1 9.1 3.3 5.2	4.9 7.7 3.6 5.0	5.9 13.0 7.6 3.7	7.7 24.3 5.8 5.5
Gross private domestic investment. Fixed investment. Nonresidential. Bructures. Residential. Residential. Change in private inventories.	11.5 8.5 10.7 8.5 11.5 2.3	11.7 11.8 12.7 4.1 15.8 9.2	5.8 8.1 8.3 -2.4 12.0 7.4	22.5 13.9 11.6 10.5 12.0 20.6	16.5 9.6 13.6 7.5 15.7 -1.0	.7 6.2 10.0 23.0 5.9 -4.1	14.0 7.9 9.6 8.0 10.1 3.0	22.0 8.6 9.9 -4.0 15.2 4.7	1.0 12.0 16.0 11.2 17.7 .6	8.0 4.1 3.2 4.3 2.8 6.6	33.4 23.4 26.7 5.7 34.7 14.0	-4.7 12.5 12.1 7.1 13.8 13.6	10.4 2.0 .0 -6.6 2.4 8.0	11.5 13.8 15.3 5.8 18.6 9.8	3.6 9.1 7.8 -5.8 12.5 12.9	-2.1 6.6 7.0 -5.3 11.2 5.5	13.6 6.8 10.9 -3.8 15.7 -3.8	10.0 2.6 2.9 5 4.0 1.8	8.3 18.7 23.7 20.6 24.7 5.2
Net exports of goods and services Exports Goods Services Imports Goods Services	12.5 14.5 7.6 13.7 14.2 11.2	2.2 2.1 2.5 11.6 11.7 10.8	3.8 4.0 3.2 11.7 12.7 6.9	6.7 4.3 12.9 13.3 15.2 4.1	3.3 7.9 -7.4 14.4 14.9 11.8	28.7 24.3 39.8 6.3 7.5	8.3 14.4 -4.9 15.5 14.6 20.6	15.9 18.3 10.4 19.1 21.2 8.6	11.3 13.0 7.2 17.6 17.0 20.7	1.7 3.5 -2.7 5.2 5.2 5.3	-1.5 -2.8 1.6 14.4 14.0 16.7	-3.9 -8.8 9.0 13.0 13.6 9.7	-1.6 1.6 -8.5 5.2 4.9 6.4	16.3 19.4 9.2 10.8 12.8	-5.5 -9.3 4.1 12.5 12.6 11.9	4.0 4.3 3.2 14.4 15.5 8.9	11.5 16.9 .0 14.9 17.3 3.6	10.1 11.1 7.6 8.7 9.7 3.4	6.2 6.0 6.8 11.7 11.3 13.5
Government consumption expenditures and gross investment. Federal. National defense. Nondefense. State and local.	2.2 2 -2.5 4.5 3.7	1.7 9 -1.9 .9 3.2	3.7 2.8 1.8 4.7 4.2	7.5 8.6 7.7 10.7 6.8	-2.3 -7.7 -8.1 -6.9	2.4 -1.4 -2.4 .7 4.8	1.5 -2.9 -11.3 15.8 4.1	5.6 9.8 9.6 10.2 3.3	1.6 -1.4 2 -3.6 3.4	1 -4.2 -2.4 -7.7 2.3	-1.0 -9.8 -17.0 5.4 4.1	6.0 11.9 11.1 13.2 3.0	1.3 -2.3 7.0 -17.4 3.3	2.9 3.9 -2.9 17.9 2.4	5.1 5 -4.0 6.1 8.2	1.3 2.1 -2.6 10.9	4.5 4.1 11.2 -7.1 4.8	9.3 14.7 17.2 10.3 6.4	-1.5 -15.2 -22.3 -1.2 6.7
Addenda: Final sales of domestic product Gross domestic purchases Final sales to domestic purchasers	3.8 4.5	4.3 5.4 5.4	4.5 5.1	5.5 7.5 6.3	1.0 3.3 2.3	5.5 2.5 3.3	3.5 5.4 4.4	2.9 5.4 3.3	5.6 4.6 6.4	2.4 3.4 2.8	5.2 8.8 7.2	5.1 4.2 7.1	2.4 4.6 3.2	6.3 5.5	4.6 5.8	3.4 3.2 4.7	4.5 6.2	6.0 7.2	7.1 6.2 7.8
Gross national product (GNP) Disposable personal income	4.1	4.1	4.0 4.0	6.2	1.7 4.3	4.9 1.4	3.9	5.2 3.9	3.5	2.9 4.3	7.0 4.2	2.0	2.6 4.5	6.3 4.8	3.8 4.1	1.9	5.6	6.4 4.7	5.8 1.5
Current-dollar measures: GDP Final sales of domestic product. Gross domestic purchases Final sales to domestic	6.2 5.8 6.2	5.5 5.5 6.2	5.7 6.0 6.7	8.3 7.0 9.0	4.0 2.9 5.0	6.4 7.3 4.7	7.4 6.4 7.8	6.7 4.7 6.1	5.2 7.0 5.8	4.3 3.7 4.6	7.7 6.3 8.6	3.4 6.3 5.1	5.4 3.8 5.8	7.0 7.2 6.6	5.7 6.7 7.5	3.3 4.8 5.2	6.8 5.7 8.1	9.4 8.1 9.6	8.6 10.4 10.0
purchasers	5.7 6.0 5.4	6.2 5.4 5.1	7.1 5.6 5.6	7.7 7.7 4.6	4.0 3.6 6.0	5.6 6.6 4.3	6.8 6.8 6.6	4.2 7.0 5.1	7.6 4.8 4.7	4.0 4.2 5.6	7.2 7.8 4.5	8.0 3.3 4.9	4.3 4.1 5.7	6.8 7.4 6.0	8.5 5.8 5.6	6.7 3.3 5.5	7.0 6.8 4.8	8.4 8.4 7.3	11.7 8.9 5.0

r revised See "Explanatory Note" at the end of the tables.

Table 2.--Contributions to Percent Change in Real Gross Domestic Product

				[Qua	rters s	easonal	ly adju	sted at	annual	rates]									
	1997	1998		II 96	III 96	IV 96	I 97	II 97	III 97	IV 97	I 98	II 98	III 98	IV 98	I 99	II 99	III 99	IV 99	I 00:
Percent change at annual rate:																			
Gross domestic product	4.2	4.3	4.2	6.8	2.0	4.6	4.5	4.9	3.8	3.0	6.9	2.2	3.8	5.9	3.7	1.9	5.7	7.3	5.5
Percentage points at annual rates:																			
Personal consumption expenditures. Durable goods. Nondurable goods. Services.	2.30 .51 .59 1.20	3.25 .86 .79 1.59	3.45 .81 1.05 1.59	2.95 .99 .86 1.10	1.25 12 .44 .94	1.94 .39 .79 .76	2.93 .81 .77 1.34	1.05 11 03 1.19	4.16 1.42 1.11 1.63	2.17 .38 .06 1.73	3.89 1.24 1.15 1.51	4.00 .84 1.28 1.88	2.67 .33 .49 1.85	3.14 1.51 .98 .66	4.28 .96 1.69 1.63	3.36 .71 .64 2.00	3.33 .62 .73 1.98	4.07 1.03 1.51 1.53	5.18 1.84 1.17 2.17
Gross private domestic investment. Fixed investment. Nonresidential. Structures. Equipment and software. Residential. Change in private inventories.	1.82 1.31 1.22 .25 .97 .09	1.93 1.86 1.49 .13 1.37 .37	.99 .97 .83 14 .96 .15	3.26 2.04 1.28 .29 .99 .76 1.22	2.50 1.43 1.47 .21 1.27 04 1.07	.15 .95 1.12 .61 .51 17	2.12 1.19 1.07 .24 .83 .12 .94	3.32 1.30 1.12 12 1.24 .19 2.02	.17 1.80 1.77 .32 1.45 .03	1.30 .63 .38 .13 .24 .26	5.04 3.45 2.91 .18 2.73 .54 1.59	85 1.95 1.42 .22 1.21 .53 -2.80	1.74 .34 .01 21 .22 .33 1.40	1.94 2.20 1.79 .18 1.61 .41 26	.64 1.49 .95 18 1.13 .54 85	36 1.10 .86 16 1.02 .24 -1.46	2.26 1.16 1.33 11 1.44 17 1.09	1.72 .48 .39 01 .40 .09	1.44 2.98 2.75 .56 2.19 .23 -1.54
Net exports of goods and services. Exports. Goods. Services. Imports. Goods. Services.	28 1.37 1.12 .25 -1.65 -1.43 22	-1.18 .25 .17 .08 -1.43 -1.21	-1.09 .48 .37 .10 -1.57 -1.43 14	82 .75 .35 .40 -1.57 -1.49 08	-1.31 .36 .61 25 -1.66 -1.44 22	2.10 2.86 1.75 1.12 76 76	85 .92 1.09 17 -1.78 -1.40 38	47 1.73 1.39 .34 -2.20 -2.03 17	79 1.27 1.03 .24 -2.07 -1.68 39	45 .20 .29 09 65 54	-1.93 16 22 .06 -1.77 -1.44 33	-2.01 45 73 .29 -1.56 -1.37 20	82 17 .12 29 65 52	.33 1.67 1.38 .29 -1.34 -1.30 04	-2.13 61 74 .13 -1.53 -1.28 24	-1.35 .42 .32 .10 -1.77 -1.59 19	73 1.19 1.19 .00 -1.92 -1.84 08	12 1.08 .83 .24 -1.20 -1.12 08	91 .68 .46 .22 -1.59 -1.30 29
Government consumption expenditures and gross investment Federal. National defense. Nondefense. State and local	.41 01 11 .10	.31 06 08 .02 .37	.80 .28 .19 .10	1.36 .59 .36 .23	43 54 38 16	.45 09 10 .02	.28 19 52 .33 .47	1.00 .62 .40 .23	.30 09 01 08	01 28 10 18 .27	16 64 76 .12	1.03 .69 .42 .28	.24 14 .27 41	.53 .24 12 .36 .29	.88 03 16 .13	.23 .13 10 .23 .10	.81 .26 .42 16	1.61 .87 .65 .22	24 -1.01 98 03

r revised See "Explanatory Note" at the end of the tables.

Table 3.--Gross Domestic Product and Related Measures: Level and Change From Preceding Period

				rent doll								1996) dolla			
-		Seasonally adjusted at annual rates							Seaso at	nally adj annual ra	justed ites		Change	from prec period	ceding
	1999	I 99		III 99	IV 99	I 00r		I 99		III 99	IV 99	I 00r	1999	IV 99	I 00r
Gross domestic product (GDP)	9,256.1	9,072.7	9,146.2	9,297.8	9,507.9	9,707.0	8,848.2	8,717.6	8,758.3	8,879.8	9,037.2	9,158.2	352.5	157.4	121.0
Personal consumption expenditures.	6,257.3	6,090.8	6,200.8	6,303.7	6,434.1	6,612.0	5,983.6	5,871.3	5,944.5	6,015.7	6,102.9	6,217.8	301.8	87.2	114.9
Durable goods  Motor vehicles and parts Furniture and household	758.6 316.1	739.0 306.8	751.6 313.8	761.8 318.1	782.1 325.5	821.8 345.1	815.7 318.2	788.8 310.4	806.1 317.2	821.2 319.6	846.7 325.7	894.1 347.0	84.2 26.3	25.5 6.1	47.4 21.3
equipmentOther	290.5 152.1	283.8 148.3	287.3 150.5	292.0 151.8	298.9 157.7	309.8 166.8	341.9 157.3	326.7 152.9	335.5 154.7	346.0 157.6	359.4 164.1	375.6 173.5	44.5 14.6	13.4 6.5	16.2 9.4
Nondurable goods	1,843.1 904.1 306.3	1,787.8 885.4 301.8	1,824.8 893.4 306.7	1,853.9 903.9 308.1	1,905.8 933.8 308.6	1,958.4 946.7 319.1	1,776.1 851.8 317.8	1,749.5 839.5 314.7	1,763.7 844.6 316.8	1,779.3 850.0 321.6	1,812.0 873.1 318.1	1,837.9 879.9 332.9	90.8 31.2 25.6	32.7 23.1 -3.5	25.9 6.8 14.8
other energy goods	138.7 123.8 14.9 494.0	120.1 106.5 13.7 480.5	136.3 121.7 14.6 488.4	144.6 129.3 15.4 497.3	153.6 137.7 15.9 509.8	169.8 150.7 19.2 522.7	144.3 128.3 16.0 462.2	142.9 127.1 15.8 452.6	143.9 127.5 16.4 458.6	144.5 128.2 16.3 463.5	146.0 130.4 15.6 474.1	141.7 126.4 15.2 484.1	2.2 .6 1.5 31.6	1.5 2.2 7 10.6	-4.3 -4.0 4 10.0
Services. Housing. Household operation Electricity and gas. Other household operation Transportation. Medical care. Recreation Other.	3,655.6 902.5 362.2 130.2 231.9 255.0 941.3 246.2 948.4	3,564.0 885.6 356.2 128.3 227.9 250.3 922.5 233.1 916.4	3,624.3 897.3 360.3 129.4 230.9 254.0 933.0 241.0 938.8	3,688.0 907.6 366.8 133.8 233.0 256.5 948.1 252.1 956.8	3,746.2 919.6 365.3 129.3 236.0 259.1 961.7 258.7 981.8	3,831.8 932.9 371.6 132.6 238.9 263.4 978.1 269.3 1,016.5	3,400.1 826.0 359.5 132.3 227.1 241.0 876.9 228.0 868.1	3,339.8 818.4 354.0 131.1 222.8 237.7 865.6 218.4 845.3	3,382.3 823.1 358.8 132.2 226.4 239.9 872.0 225.0 863.1	3,423.4 828.5 364.4 135.4 228.9 242.4 880.9 232.4 874.6	3,454.7 834.1 361.0 130.2 230.5 243.9 889.1 236.3 889.4	3,501.2 839.2 366.6 133.1 233.3 245.7 896.2 243.3 909.2	132.1 20.4 15.2 2.7 12.4 6.8 22.5 19.2 47.8	31.3 5.6 -3.4 -5.2 1.6 1.5 8.2 3.9 14.8	46.5 5.1 5.6 2.9 2.8 1.8 7.1 7.0
Gross private domestic investment.	1,622.7	1,594.3	1,585.4	1,635.0	1,675.8	1,715.1	1,637.7	1,608.2	1,599.8	1,651.6	1,691.4	1,725.6	90.3	39.8	34.2
Fixed investment Nonresidential. Structures. Nonresidential buildings.	1,578.0 1,166.7 273.4	1,543.3 1,139.9 274.7	1,567.8 1,155.4 272.5	1,594.2 1,181.6 272.1	1,606.8 1,190.0 274.1	1,683.6 1,257.1 290.4		1,555.9 1,182.7 251.9	1,581.0 1,202.9 248.5	1,607.3 1,234.3 246.1	1,617.8 1,243.2 245.8		118.7 93.3 -6.0	10.5 8.9 3	70.9 68.1 11.7
including farmUtilities	199.9 39.5	204.0 39.2	199.8 39.1	197.5 39.9	198.2 39.6	211.3 40.9	180.4 38.2	186.6 38.1	181.2 38.0	177.2 38.5	176.5 38.0	186.3 38.8	-4.2 .2	7 5	9.8
shafts, and wells Other structures Equipment and software Information processing	27.1 6.9 893.4	25.2 6.4 865.2	26.0 7.6 882.9	28.0 6.8 909.5	29.4 6.8 916.0	31.3 6.9 966.7	23.4 6.4 974.9	21.6 6.0 935.7	22.6 7.1 960.9	24.3 6.3 996.6	25.3 6.2 1,006.4	26.3 6.3 1,063.6	-2.0 .2 104.3	1.0 1 9.8	1.0 .1 57.2
equipment and software	406.9	382.3	401.7	416.8	426.8	456.6	509.8	470.4	501.0	526.0	541.7	582.5	91.3	15.7	40.8

Computers and															
peripheral equipment	97.8	92.3	96.4	100.8	101.6	108.2	220.8	193.4	212.9	233.5	243.3	266.9	66.6	9.8	23.6
Software	143.5	135.5	140.7	145.8	152.0	159.9	149.3	141.6	147.0	152.0	156.6	163.4	20.1	4.6	6.8
Other	165.6	154.5	164.6	170.2	173.2	188.6	169.9	157.8	168.4	174.7	178.6	194.8	22.8	3.9	16.2
Industrial equipment	152.0	147.9	149.3	153.0	157.9	164.2	149.0	145.0	146.6	150.0	154.3	160.3	.9	4.3	6.0
Transportation equipment	197.1	193.1	193.6	204.9	196.9	205.6	195.7	190.8	191.6	204.0	196.4	204.1	20.4	-7.6	7.7
Other	137.3	142.0	138.3	134.7	134.3	140.3	132.6	137.0	133.3	130.1	129.9	135.8	.3	2	5.9
See note at the end of the table.															

Table 3.--Gross Domestic Product and Related Measures: Level and Change From Preceding Period--Continued

		D:11:	ng of au	wort doll	200				D:11	ions of s	haired (1	.996) dolla	***		
-			Seasor at a	ally adju nnual rat	sted es				Seaso	nally adj annual ra	iusted ites		Change	from pred period	eding
	1999	I 99	II 99	III 99	IV 99	I 00r	1999	I 99		III 99	IV 99	I 00r	1999	IV 99	I 00r
Residential Structures Single family Multifamily Other Equipment Chance in private inventories	411.3 402.4 213.9 27.7 160.8 8.9 44.6	403.4 394.6 211.8 27.7 155.1 8.7	412.4 403.6 213.7 27.5 162.4 8.9	412.7 403.6 211.7 27.8 164.1 9.0 40.8	416.7 407.7 218.3 27.6 161.8 9.1 69.1	426.5 417.1 230.2 29.0 157.9 9.3	376.1 367.0 195.0 22.9 149.2 9.1 42.2	373.7 364.8 195.8 23.3 145.7 8.9	378.8 369.7 195.8 22.9 151.1 9.1 14.0	375.1 365.9 191.7 22.9 151.5 9.2	376.8 367.5 196.5 22.6 148.4 9.3 66.7	381.6 372.1 205.2 23.6 143.3 9.6 28.0	25.9 25.2 14.7 1.1 9.4 .7	1.7 1.6 4.8 3 -3.1 .1 28.7	4.8 4.6 8.7 1.0 -5.1 .3
Farm. Nonfarm Monifarturing Manufacturing Wholesale trade Retail trade Other	3.4 41.3 .4 14.6 20.7 5.6	10.1 40.9 .0 8.8 17.5 14.7	4.8 12.8 -7.8 10.7 5.9 4.0	40.1 1.6 24.2 14.3	-2.2 71.3 7.8 14.7 45.2 3.6	-2.1 33.5 11.2 19.8 -2.5 5.0	6 42.4 .4 15.2 20.5 5.9	7.4 43.1 .0 9.5 17.5 15.7	13.1 -8.3 11.1 5.9 4.1	-3.8 41.2 1.7 25.1 14.1	-6.7 72.3 8.2 15.0 44.4 3.6	20.5 34.0 11.6 20.2 -2.4 4.9	-1.5 -30.8 -24.7 -8.2 9.4 -8.0	-2.9 31.1 6.5 -10.1 30.3 3.5	-38.3 3.4 5.2 -46.8 1.3
Net exports of goods and services.	-253.9	-201.6	-245.8	-278.2	-290.1	-326.1	-323.0	-286.6	-321.1	-340.4	-344.1	-367.5	-105.4	-3.7	-23.4
Exports	998.3 699.0 45.5	966.9 674.3 43.2	978.2 680.5 45.3	1,008.5 708.8 47.1	1,039.5 732.3 46.5	1,060.5 745.3 47.3	1,042.3 751.9 56.7	1,014.3 726.4 52.9	1,024.3 734.1 56.1	1,052.6 763.3 59.1	1,078.2 783.7 58.8	1,094.6 795.2 59.7	37.7 29.1 1.6	25.6 20.4 3	16.4 11.5 .9
Industrial supplies and materials Capital goods, except	142.0	133.6	137.0	142.6	154.8	159.3	153.0	147.1	150.1	152.7	162.1	163.5	1.5	9.4	1.4
automotiveAutomotive vehicles,	311.2	301.7	299.5	319.3	324.2	325.3	341.7	329.6	328.4	352.1	356.7	359.5	17.2	4.6	2.8
engines, and parts Consumer goods, except	74.8	71.4	75.0	76.0	76.8	79.6	73.7	70.5	74.0	74.8	75.3	77.9	1.2	.5	2.6
automotive	80.8 44.7 299.3	79.6 44.8 292.6	79.1 44.5 297.7	80.6 43.2 299.7	83.7 46.3 307.2	87.4 46.5 315.2	80.4 46.8 290.9	79.3 46.9 287.9	78.9 46.8 290.1	80.3 45.3 290.2	83.2 48.1 295.5	86.7 48.2 300.4	1.7 5.9 8.9	2.9 2.8 5.3	3.5 .1 4.9
Imports. Goods. Foods, feeds, and beverages. Industrial supplies and materials. except	1,252.2 1,049.1 43.6	1,168.5 974.3 41.7	1,224.0 1,022.3 43.8	1,286.6 1,079.3 44.2	1,329.6 1,120.5 44.8	1,386.7 1,169.4 44.8	1,365.4 1,162.5 46.1	1,300.9 1,102.0 43.7	1,345.4 1,142.5 46.0	1,393.0 1,188.9 47.2	1,422.3 1,216.8 47.6	1,462.1 1,249.8 47.5	143.2 130.9 3.9	29.3 27.9 .4	39.8 33.0 1
petroleum and products Petroleum and products	148.7 67.5	140.0 42.4	143.8 63.7	151.6 78.3	159.4 85.6	165.4 107.9	157.3 81.3	151.1 80.6	154.5 85.3	159.0 82.7	164.7 76.6	166.8 81.8	7.1 1	5.7 -6.1	2.1 5.2
Capital goods, except automotive Automotive vehicles,	296.8	279.1	291.7	302.2	314.2	323.8	378.7	347.5	370.5	390.0	406.9	420.9	50.4	16.9	14.0
engines, and parts Consumer goods, except	180.1	171.6	175.1	186.2	187.5	192.8	178.3	170.4	173.4	184.1	185.2	190.1	29.7	1.1	4.9
automotive	239.9 72.5 203.1	229.2 70.3 194.2	232.8 71.4 201.7	243.0 73.7 207.4	254.3 74.7 209.0	261.9 72.9 217.2	247.8 73.1 203.9	235.7 70.7 199.4	240.8 72.2 203.7	251.6 74.3 205.5	263.1 75.1 207.2	271.8 73.3 213.9	25.5 12.7 13.2	11.5 .8 1.7	8.7 -1.8 6.7

See note at the end of the table.

Table 3.--Gross Domestic Product and Related Measures: Level and Change From Preceding Period--Continued

Billions of current dollars Billions of chained (1996)

		Billic	ns of cur	rent doll	ars				Bill	ions of c	chained (1	.996) dolla	rs		
-			Season at a	ally adju nnual rat	sted es				Seaso	nally adj annual ra	justed ites		Change	from pred	eding
	1999	I 99	II 99	III 99	IV 99	I 00r	1999	I 99	II 99	III 99	IV 99	I 00r	1999	IV 99	I 00
Government consumption expenditures and gross investment													55.3	34.3	-5.8
Federal. National defense. Consumption expenditures. Gross investment. Nondefense. Consumption expenditures. Gross investment.	570.6 364.5 310.7 53.8 206.1 164.1 42.0	557.4 355.8 304.6 51.2 201.6 162.4 39.2	561.6 354.3 300.8 53.5 207.3 164.4 42.9	569.8 365.4 312.1 53.4 204.4 162.9 41.5	593.6 382.6 325.5 57.1 211.1 166.5 44.6	579.8 364.8 310.4 54.3 215.0 172.6 42.4	540.8 347.8 293.3 54.7 192.9 151.0 42.2	531.2 341.4 289.5 52.1 189.7 150.6 39.4	534.1 339.2 284.9 54.6 194.7 151.9 43.2	539.5 348.3 294.0 54.5 191.1 149.7 41.9	558.3 362.4 304.9 57.8 195.9 152.0 44.5	535.7 340.2 285.5 55.1 195.3 153.7 41.9	14.9 6.1 1.9 4.4 8.7 3.9 5.0	18.8 14.1 10.9 3.3 4.8 2.3 2.6	-22.6 -22.2 -19.4 -2.7 6 1.7
State and local Consumption expenditures Gross investment	857.4	1,031.8 832.4 199.4	1,044.3 848.4 195.8	1,067.4 866.5 200.8	1,094.4 882.4 212.0	1,126.3 902.7 223.6	993.1 800.0 193.2	981.8 789.3 192.7	984.0 796.2 187.8	995.5 803.8 191.7	1,011.1 810.7 200.7	1,027.6 817.6 210.5	40.4 26.1 14.4	15.6 6.9 9.0	16.5 6.9 9.8
Residual							-39.1	-31.8	-32.6	-44.9	-47.1	-63.0	-24.7	-2.2	-15.9
Addenda: Final sales of domestic product. Gross domestic purchases Final sales to domestic purchasers	9,510.0	9,274.2	9,392.0	9,575.9	9,798.0	10,033.2	9,151.2	8,988.8	9,059.5	9,197.8	9,358.6	9,500.6	379.7 446.4 473.8	129.6 160.8 132.9	155.5 142.0 176.6
Gross domestic product	9,256.1	9,072.7	9,146.2	9,297.8	9,507.9	9,707.0	8,848.2	8,717.6	8,758.3	8,879.8	9,037.2	9,158.2	352.5	157.4	121.0
Plus: Income receipts from the rest of the world Less: Income payments to the rest of the world	302.3 322.3	283.8	296.1 310.4	307.7 323.2	321.7 357.3	341.3 371.3	291.8 309.2	276.0 288.5	286.6 298.8	296.5 309.4	308.2 340.1	324.4 350.0	12.6	11.7	16.2 9.9
Equals: Gross national product	9,236.2	9,058.2	9,131.9	9,282.3	9,472.3	9,677.0	8,830.8	8,705.1	8,746.0	8,866.8	9,005.2	9,132.4	343.0	138.4	127.2
Net domestic product	8,120.4	7,968.8	8,024.9	8,141.8	8,346.1	8,521.4	7,698.6	7,604.1	7,623.9	7,716.0	7,850.2	7,944.6	275.0	134.2	93.0

Table 4.--Chain-Type Price Indexes for Gross Domestic Product and Related Measures: Percent Change From Preceding Period

			L	Percent	, quart	ers sea	sonarry	adjust	ed at a	mmuaı r	ates								
	1997	1998	1999	II 96	III 96	IV 96	I 97	II 97	III 97	IV 97	I 98	II 98	III 98	IV 98	I 99	II 99	III 99	IV 99	I 00r
Gross domestic product (GDP).	1.9	1.2	1.4	1.4	2.0	1.6	2.8	1.8	1.3	1.3	.9	1.1	1.3	.8	2.0	1.3	1.1	2.0	3.0
Personal consumption expenditures Durable goods Nondurable goods. Services.	2.0 -2.2 1.3 3.2	.9 -2.4 .0 2.1	1.6 -2.6 2.3 2.1	2.6 -2.5 3.6 3.1	1.6 -1.4 .2 3.0	2.8 -1.8 3.6 3.3	2.6 -1.1 1.7 3.9	1.1 -3.7 6 3.0	1.3 -3.3 .6 2.5	1.2 -2.5 .9 2.2	.3 -1.5 -1.4 1.5	1.1 -2.0 2 2.4	1.1 -2.3 1.2 1.8	1.1 -3.9 1.3 2.1	1.5 -2.8 1.6 2.3	2.2 -1.9 5.1 1.7	1.8 -2.0 2.8 2.1	2.5 -1.7 3.8 2.7	3.5 -1.9 5.4 3.8
Gross private domestic investment Fixed investment Nonresidential Structures Equipment and software Residential Change in private inventories	2 1 -1.0 4.1 -2.6 2.7	9 8 -1.8 3.1 -3.4 2.6	2 .0 -1.3 2.6 -2.5 3.9	8 8 -1.7 2.2 -3.0 1.8	1.1 1.0 2 4.2 -1.7 4.4	3 1 8 3.4 -2.2 2.0	3 2 -1.0 4.3 -2.8 2.3	6 3 -1.1 4.6 -3.0 2.1	.4 .5 7 5.3 -2.7 4.2	6 7 -1.7 3.9 -3.6 2.4	-2.2 -1.9 -2.6 1.0 -3.8	-1.0 9 -2.2 2.8 -3.8 3.0	2 .1 -1.4 3.6 -2.9 4.4	2 2 -1.8 3.5 -3.5 4.5	.1 9 1.3 -1.6 4.0	4 1 -1.4 2.2 -2.5 3.6	3 .1 -1.3 3.4 -2.7 4.1	.4 .5 .0 3.5 -1.1 2.2	1.3 1.5 .6 4.6 5 4.2
Net exports of goods and services Exports. Goods. Services. Imports. Goods. Services.	-1.5 -2.7 1.4 -3.6 -4.1	-2.3 -3.1 3 -5.3 -5.9 -2.2	5 -1.4 1.7 .4 .0	-1.2 -1.9 .3 -1.8 -2.4 1.4	-2.8 -4.9 2.6 -4.4 -5.5	-3.8 -6.5 3.0 .6 .2 2.5	8 8 6 -4.6 -4.9 -2.8	3 -1.1 3.8 -7.3 -8.7	-1.2 -1.3 9 -2.4 -2.1 -4.2	-1.7 -2.7 1.0 -2.5 -2.6 -2.0	-4.2 -4.6 -3.1 -10.7 -11.1 -8.9	-1.9 -3.0 .8 -4.0 -5.6 4.4	-3.0 -4.2 .0 -4.6 -5.4	-1.5 -2.3 .6 3 -1.2 4.4	5 -1.4 1.5 -3.0 -2.9	7 6 3.8 5.2 4.9 6.7	1.3 .7 2.7 6.2 5.9 8.0	2.6 2.6 2.6 4.9 5.9	2.0 1.2 3.8 6.0 6.6 2.8

Government consumption expenditures

r revised
Note:—Users are cautioned that particularly for components
for which relative prices are changing rapidly, the use of
chained-dollar estimates to calculate component shares or component
contributions to real growth may be misleading even just a few years
from the base year. For accurate estimates of the contributions to
percent changes in real GDP, use table 2.
See "Explanatory Note" at the end of the tables.

and gross investment. Federal. National defense. Nondefense. State and local.	1.9 1.3 1.2 1.6 2.2	1.5 1.1 .8 1.6 1.8	2.7 3.0 2.7 3.6 2.5	-1.4 -3.2 -1.6 -6.4 3	2.5 1.9 2.2 1.4 2.8	1.9 1.7 1.7 1.6 2.1	3.2 3.5 2.9 4.9 3.1	.7 .2 1 .8 1.0	1.5 2 4 .2 2.5	2.6 1.5 1.5 1.6 3.2	.9 2.0 1.6 2.7	1.4 .9 1 2.6 1.7	1.9 .4 .9 4 2.7	1.3 1.4 1.0 2.1 1.2	3.8 8.6 7.6 10.4 1.4	2.9 .9 1.0 .7 4.0	3.3 1.8 1.8 1.8 4.2	3.4 2.7 2.5 3.1 3.8	5.9 7.3 6.4 9.0 5.2
Addenda:																			
Final sales of domestic product Gross domestic purchases Final sales to domestic	1.9 1.6	1.2	1.4	1.4	1.9 1.7	1.7	2.8	1.8	$\frac{1.4}{1.2}$	1.3	1.0	1.1	1.4	.8	2.1 1.6	1.4	1.1	2.0	3.1
purchasers	1.6 1.9	.8 1.2	1.5 1.4	1.3	1.7 1.9	2.2	2.3	1.7	1.2	1.2	.0	.8 1.1	1.1	.9	1.7	2.0 1.3	1.8	2.3	3.6
Implicit price deflators: GDP. Gross domestic purchases GNP.	1.9 1.6 1.9	1.2 .7 1.2	1.5 1.5 1.5	1.4 1.3 1.4	1.9 1.7 1.9	1.7 2.1 1.6	2.8 2.3 2.8	1.7 .7 1.7	1.3 1.1 1.3	1.2 1.1 1.2	.8 2 .8	1.2 .9 1.2	1.5 1.2 1.5	1.0 1.1 1.0	2.0 1.6 2.0	1.4 1.9 1.4	1.1 1.7 1.1	1.9 2.3 1.9	3.0 3.5 3.0
r revised See "Explanatory Note" at the end of t	he tabl	es.																	

Table 5.--Quantity and Price Indexes for Gross Domestic Product [Index numbers, 1996=100]

	1997	1998	1999	I 99	II 99	III 99	IV 99	I 00r
Gross domestic product: Chain-type quantity index Chain-type price index Implicit price deflator						113.65 104.65 104.71		
Personal consumption expenditures:	103.43	108.48	114.25	112.10	113.50	114.86	116.52	118.72
Chain-type quantity index	101.98	102.93	104.57	103.74	104.32	104.79	105.43	106.34
Durable goods: Chain-type quantity index Chain-type price index Nondurable goods:	106.63	118.66	132.32	127.95	130.76	133.21	137.35	145.03
	97.79	95.45	93.00	93.67	93.22	92.75	92.35	91.90
Chain-type quantity index	102.92	107.07	112.84	111.15	112.05	113.04	115.12	116.76
	101.35	101.40	103.76	102.19	103.47	104.20	105.18	106.56
Chain-type quantity index	103.06	107.26	111.59	109.61	111.01	112.36	113.38	114.91
Chain-type price index	103.17	105.31	107.51	106.72	107.16	107.73	108.45	109.45
Private fixed investment: Chain-type quantity index Chain-type price index	108.52	121.37	131.15	128.30	130.37	132.54	133.40	139.25
	99.95	99.20	99.22	99.19	99.17	99.19	99.32	99.70
Nonresidential: Chain-type quantity index Chain-type price index Residential:	110.71	124.80	135.17	131.49	133.74	137.23	138.23	145.79
	99.04	97.22	95.97	96.38	96.04	95.72	95.71	95.87
Chain-type quantity index	102.35	111.78	120.06	119.30	120.91	119.75	120.27	121.81
	102.68	105.30	109.40	107.97	108.93	110.04	110.65	111.80
Exports of goods and services: Chain-type quantity index Chain-type price index Imports of goods and services:	112.46	114.92	119.24	116.03	117.17	120.42	123.34	125.22
	98.47	96.19	95.76	95.33	95.49	95.80	96.41	96.89
Chain-type quantity index	113.72	126.89	141.77	135.07	139.69	144.63	147.68	151.80
	96.45	91.31	91.64	89.81	90.96	92.35	93.46	94.83
Government consumption expenditures and gross investment: Chain-type quantity index. Chain-type price index.	102.24	104.00	107.89	106.43	106.78	107.97	110.39	109.98
	101.87	103.44	106.24	105.01	105.77	106.64	107.55	109.10
Federal: Chain-type quantity index Chain-type price index	99.84	98.94	101.73	99.94	100.46	101.49	105.02	100.77
	101.33	102.42	105.51	104.93	105.16	105.63	106.34	108.23
State and local: Chain-type quantity index Chain-type price index	103.66	107.00	111.54	110.27	110.51	111.81	113.56	115.42
	102.19	104.03	106.67	105.09	106.14	107.23	108.24	109.61
Addenda:								
Final sales of domestic product: Chain-type quantity index. Chain-type price index. Implicit price deflator.	103.76	108.19	113.07	111.33	112.26	113.51	115.18	117.18
	101.94	103.18	104.67	104.12	104.48	104.78	105.29	106.10
	101.94	103.18	104.67	104.12	104.48	104.78	105.29	106.09
Gross domestic purchases: Chain-type quantity index. Chain-type price index. Implicit price deflator. Final sales to domestic purchasers:	104.48	110.16	115.81	113.75	114.65	116.40	118.43	120.23
	101.61	102.35	103.86	103.13	103.62	104.06	104.65	105.56
	101.61	102.35	103.92	103.18	103.67	104.11	104.70	105.61
Chain-type quantity index		109.62 102.42 102.42	115.64 103.97 103.97	113.52 103.22 103.21	114.82 103.72 103.71	116.27 104.18 104.17	117.96 104.78 104.77	120.20 105.70 105.70
Chain-type quantity index.  Chain-type price index.  Implicit price deflator.	101.89	108.38 103.09 103.09	112.76 104.53 104.59	111.16 104.01 104.06	111.68 104.36 104.41	113.22 104.63 104.69	114.99 105.14 105.19	116.62 105.92 105.96

r revised
See "Explanatory Note" at the end of the tables.

	Table 6Real Gross Domestic Product: Historical Perspective [Percent change from preceding year]															
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Gross domestic product (GDP)	7.3	3.8	3.4	3.4	4.2	3.5	1.8	5	3.0	2.7	4.0	2.7	3.6	4.2	4.3	4.2
Personal consumption expenditures Durable goods Nondurable goods. Services.	5.4 14.6 4.0 4.2	5.0 9.9 2.7 5.2	4.2 9.1 3.6 3.3	3.3 1.7 2.4 4.3	4.0 5.8 3.2 4.1	2.7 2.1 2.7 2.8	1.8 9 1.4 2.8	2 -6.6 4 1.4	2.9 5.3 1.9 2.9	3.4 8.2 2.9 2.7	3.8 7.6 3.8 3.0	3.0 4.6 3.0 2.7	3.2 5.6 2.9 2.8	3.4 6.6 2.9 3.1	4.9 11.3 4.0 4.1	5.3 11.5 5.4 4.0
Gross private domestic investment. Fixed investment. Nonresidential. Structures. Equipment and software. Residential. Change in private inventories.	29.3 16.8 17.6 14.3 19.5 14.6	9 5.3 6.7 7.3 6.4 1.4	7 1.2 -2.7 -10.8 2.0 12.0	2.5 .0 1 -3.6 1.7 .2	2.7 3.6 5.4 1.3 7.5 5	3.7 2.7 5.5 2.5 7.0 -4.1	-3.1 -1.8 .7 1.5 .4 -8.6	-8.6 -6.9 -4.9 -11.0 -2.0 -12.8	8.5 6.5 3.4 -6.1 7.4 16.3	8.7 8.1 8.4 .8 11.3 7.3	13.2 9.1 8.9 .8 11.9 9.7	3.0 6.0 9.8 4.8 11.5 -3.6	9.0 9.3 10.0 7.1 11.0 7.4	11.5 8.5 10.7 8.5 11.5 2.3	11.7 11.8 12.7 4.1 15.8 9.2	5.8 8.1 8.3 -2.4 12.0 7.4
Net exports of goods and services Exports. Goods. Services. Imports. Goods. Services.	8.4 7.9 9.7 24.3 24.2 25.1	2.7 3.4 .9 6.5 6.2 7.6	7.4 5.1 13.3 8.4 10.3	11.2 11.1 11.6 6.1 4.6 12.6	16.1 18.8 9.3 3.8 4.1 2.7	11.8 12.6 9.6 3.9 4.2 2.8	8.7 8.2 10.0 3.8 3.0 7.6	6.5 7.1 5.1 5 1	6.2 6.8 4.6 6.6 9.3 -4.0	3.3 3.0 4.1 9.1 10.1 4.7	8.9 9.7 7.2 12.0 13.3 5.8	10.3 11.9 6.4 8.2 9.0 4.1	8.2 8.7 6.8 8.6 9.4 4.8	12.5 14.5 7.6 13.7 14.2 11.2	2.2 2.1 2.5 11.6 11.7 10.8	3.8 4.0 3.2 11.7 12.7 6.9
Government consumption expenditures and gross investment. Federal. National defense. Nondefense. State and local.	3.5 3.1 4.8 -1.6 3.8	6.5 7.6 8.4 5.4 5.4	5.4 5.5 6.3 3.1 5.4	3.0 3.7 4.7 .5 2.3	1.2 -1.8 8 -5.2 3.7	2.8 1.3 8 8.4 3.9	3.3 2.0 .0 8.3 4.2	1.2 3 -1.1 1.8 2.3	.5 -1.6 -4.9 7.1 2.0	8 -3.9 -5.4 3	.1 -3.6 -4.8 -1.0 2.6	.5 -2.7 -3.7 5 2.5	1.1 9 -1.3 .0 2.3	2.2 2 -2.5 4.5 3.7	1.7 9 -1.9 .9 3.2	3.7 2.8 1.8 4.7 4.2
Addenda: Final sales of domestic product Gross domestic purchases Final sales of domestic purchasers Gross domestic purchasers Gross domestic purchases price index.	5.3 8.7 6.8 7.1 7.7	5.0 4.2 5.3 3.5 3.3	3.8 3.6 3.9 3.2 3.2	3.0 3.1 2.7 3.3 2.1	4.3 3.2 3.4 4.2 4.4	3.3 2.9 2.7 3.5 2.6	2.0 1.4 1.6 1.9 2.2	2 -1.1 9 5 .4	2.8 3.1 2.8 3.0 3.1	2.6 3.3 3.2 2.6 1.4	3.4 4.4 3.8 3.9 2.6	3.1 2.5 3.0 2.7 2.6	3.6 3.7 3.7 3.5 2.5	3.8 4.5 4.0 4.1 3.3	4.3 5.4 5.4 4.1 4.1	4.5 5.1 5.5 4.0 4.0
GDP price index. Personal consumption expenditures price index.	3.7	3.5	2.3	3.8	3.4	3.8	3.9 4.6	3.6	3.1	2.4	2.0	2.2	2.1	2.0	1.2	1.4

Table 7.--Real Gross Domestic Product: Percent Change From Quarter One Year Ago

	II 96	III 96	IV 96	I 97	II 97	III 97	IV 97	I 98	II 98	III 98	IV 98	I 99	II 99	III 99	IV 99	I 00r
Gross domestic product (GDP)	4.0	3.7	4.1	4.5	4.0	4.5	4.1	4.6	4.0	3.9	4.7	3.9	3.8	4.3	4.6	5.1
Personal consumption expenditures Durable goods. Nondurable goods. Services.	3.4 7.5 2.9 2.8	3.0 4.6 3.1 2.7	3.1 5.0 3.2 2.7	3.4 6.7 3.6 2.6	2.7 3.1 2.4 2.7	3.8 8.4 3.3 3.1	3.9 8.4 2.4 3.8	4.2 9.8 2.8 3.8	5.4 13.2 4.6 4.3	4.8 9.2 3.8 4.4	5.1 13.0 5.0 3.7	5.3 11.9 5.7 3.8	5.0 11.4 4.9 3.9	5.3 12.3 5.2 4.0	5.6 10.5 5.8 4.5	5.9 13.3 5.1 4.8
Gross private domestic investment. Fixed investment. Nonresidential Structures. Equipment and software. Residential. Change in private inventories.	9.3 9.9 9.1 4.9 10.6 12.2	14.5 11.2 11.9 6.9 13.7 9.3	11.4 10.4 12.1 12.8 11.8 5.6	13.2 9.3 11.2 12.1 10.8 4.2	13.0 8.1 10.8 8.2 11.6 .6	9.1 8.6 11.3 9.1 12.1 1.0	11.0 8.1 9.6 4.7 11.3 3.7	15.4 11.8 13.6 4.2 17.1 6.4	8.5 12.8 14.2 7.1 16.7 8.6	11.0 10.2 10.1 2.5 12.7 10.5	11.9 12.7 13.1 2.9 16.8 11.3	5.0 9.2 8.6 1 11.7 11.0	5.7 7.8 7.4 -3.1 11.0 9.0	6.5 9.0 10.2 -2.4 14.5 5.9	6.1 6.3 7.1 -3.9 10.8 3.9	7.3 8.5 10.9 2.2 13.7 2.1
Net exports of goods and services Exports. Goods. Services. Imports. Goods. Services.	9.0 8.8 9.5 7.2 7.7 4.7	5.5 7.0 1.8 10.5 11.2 6.9	9.8 10.1 8.9 11.2 12.3 5.3	11.3 12.5 8.6 12.3 13.0 8.9	13.7 16.1 8.0 13.7 14.4 10.0	15.8 17.4 12.0 14.5 15.0 12.1	9.2 12.2 2.3 14.2 14.3 13.6	6.6 7.7 4.0 13.9 14.2 12.7	1.7 .9 3.7 12.5 12.4 12.9	-1.4 -1.8 3 9.4 9.4	2.0 1.8 2.6 10.8 11.3 8.5	1.0 .1 3.2 10.3 11.0 7.3	3.0 3.5 1.8 10.7 11.4 7.1	6.3 7.2 4.1 13.2 14.5 6.4	4.8 5.3 3.7 12.6 13.8 6.9	7.9 9.5 4.4 12.4 13.4 7.3
Government consumption expenditures and gross investment. Federal. National defense. Nondefense. State and local	1.2 8 -1.1 1 2.4	.8 -2.0 -2.2 -1.7 2.5	2.7 2.0 .8 4.5 3.0	2.2 -1.0 -3.8 4.7 4.2	1.8 7 -3.3 4.6 3.3	2.8 .9 -1.3 5.5 3.9	2.2 .2 -1.3 3.2 3.3	1.5 -1.6 -3.0 .8 3.3	1.6 -1.2 -2.6 1.5 3.2	1.5 -1.4 9 -2.3 3.2	2.3 .6 -1.1 3.8 3.2	3.8 3.1 2.6 4.0 4.2	2.6 .8 7 3.5 3.7	3.5 2.4 .2 6.6 4.0	5.0 5.0 5.1 4.8 5.0	3.3 .8 4 2.9 4.7
Adderda: Final sales of domestic product Gross domestic purchases Final sales to domestic purchasers. Gross national product. Real disposable personal income. Gross domestic purchases price index.	4.1 3.8 3.9 3.9 2.5	3.2 4.3 3.8 3.7 2.9	3.9 4.3 4.1 4.0 2.6	3.9 4.7 4.1 4.2 2.9	3.2 4.1 3.3 3.9 3.4	4.4 4.4 4.4 3.2	3.6 4.7 4.2 3.9 3.9	4.0 5.5 4.9 4.6 3.9	4.6 5.2 5.9 3.8 3.9	3.8 5.2 5.1 3.6 4.2	4.7 5.7 5.8 4.5 4.3	4.6 5.0 5.7 3.7 4.3	4.1 4.8 5.1 3.6 4.1	4.7 5.2 5.6 4.4 3.7	4.6 5.6 5.6 4.4 3.7	5.3 5.7 5.9 4.9 3.1
GDP price index Personal consumption expenditures price index	1.9 2.1	2.0	1.9	1.9	2.0	1.9	1.8	1.3	1.2	1.2	1.0	1.3	1.4	1.3	1.6 2.0	1.8

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Table 8.--Relation of Gross Domestic Product, Gross National Product, and National Income [Billions of dollars]

	L	.BIIIIOIIS OI						
						adjusted at		
	1997	1998	1999	I 99	II 99	III 99	IV 99	I 001
Gross domestic product	8,300.8	8,759.9	9,256.1	9,072.7	9,146.2	9,297.8	9,507.9	9,707.0
Plus: Income receipts from								
the rest of the world	282.6	285.3	302.3	283.8	296.1	307.7	321.7	341.3
the rest of the world	278.4	295.2	322.3	298.2	310.4	323.2	357.3	371.3
Equals: Gross national product	8,305.0	8,750.0	9,236.2	9,058.2	9,131.9	9,282.3	9,472.3	9,677.0
Less: Consumption of fixed capital	1,009.1	1,064.6	1,135.8	1,103.9	1,121.3	1,156.0	1,161.8	1,185.6
nontax liability	645.8	677.0	716.3	696.6	706.7	718.3	743.7	753.4
Less: Business transfer payments	36.9	38.1	39.4	38.8	39.3	39.5	40.0	40.6
Less: Statistical discrepancy	-3.2	-47.6	-125.1	-99.4	-135.5	-141.2	-124.5	-128.2
surplus of government enterprises	19.0	20.8	26.5	21.0	27.9	17.3	39.7	22.7
Equals: National income	6,635.5	7,038.8	7,496.3	7,339.4	7,428.1	7,527.0	7,690.9	7,848.4
Compensation of employees	4,675.7 3,884.7 791.0	5,011.2 4,189.5 821.7	5,331.7 4,472.3 859.4	5,217.7 4,371.5 846.2	5,287.1 4,432.6 854.5	5,373.6 4,509.4 864.2	5,448.3 4,575.6 872.7	5,543.9 4,657.9 886.1
valuation and capital consumption								
adjustments Rental income of persons with	578.6	606.1	658.5	639.9	655.3	654.0	685.0	687.1
capital consumption adjustment  Corporate profits with inventory valuation and capital consumption	130.2	137.4	145.9	148.6	148.8	139.0	147.3	146.1
adjustments	838.5	848.4	892.7	886.9	880.5	884.1	919.4	965.6
Net interest	412.5	435.7	467.5	446.3	456.4	476.3	491.0	505.7
Addendum:								
Gross domestic income	8,303.9	8,807.5	9,381.3	9,172.0	9,281.7	9,439.0	9,632.4	9,835.3

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Ta	able 9Per	sonal Incom		isposition				
	<del>-</del>				Seasonally			
	1997	1998	1999	I 99	II 99	III 99	IV 99	I 00
Personal income\1\	6,951.1	7,358.9	7,791.8	7,630.2	7,732.6	7,831.4	7,972.9	8,100.5
Wage and salary disbursementsOther labor income Proprietors' income with inventory valuation and capital	3,888.9 500.9	4,186.0 515.7	4,472.3 535.8	4,371.5 528.0	4,432.6 533.0	4,509.4 538.5	4,575.6 543.7	4,657.9 550.3
consumption adjustments. Farm. Nonfarm. Rental income of persons with	578.6 29.5 549.1	606.1 25.1 581.0	658.5 31.3 627.3	639.9 32.5 607.5	655.3 34.1 621.2	654.0 21.0 633.0	685.0 37.6 647.4	687.1 23.9 663.2
capital consumption adjustment.  Personal dividend income.  Personal interest income.  Transfer payments to persons	130.2 333.4 854.9 962.4	137.4 348.3 897.8 983.6	145.9 364.3 931.3 1,018.2	148.6 356.1 907.4 1,007.8	148.8 361.2 920.5 1,013.6	139.0 367.0 938.8 1,021.3	147.3 373.1 958.5 1,030.2	146.1 379.6 979.4 1,047.5
Less: Personal contributions for social insurance	298.1	315.9	334.6	328.9	332.3	336.7	340.4	347.4
Less: Personal tax and nontax payments	968.3	1,072.6	1,152.1	1,124.8	1,139.4	1,160.4	1,183.8	1,227.6
Equals: Disposable personal income	5,982.8	6,286.2	6,639.7	6,505.4	6,593.2	6,671.0	6,789.1	6,872.9
Less: Personal outlays	5,711.7	6,056.6	6,483.3	6,310.3	6,425.2	6,531.5	6,666.3	6,849.4
Equals: Personal saving	271.1	229.7	156.3	195.1	168.0	139.5	122.8	23.5
Addenda: Disposable personal income, billions of chained (1996) dollars\2\ Personal saving as a percentage of	5,866.7	6,107.1	6,349.4	6,271.0	6,320.7	6,366.2	6,439.6	6,463.1
disposable personal income		3.7	2.4	3.0	2.5	2.1	1.8	.3

Table	10Corporate	Profits:	Level	and	Percent	Change

 		Bill	ions of	dollars					Percent	change	from pre	ceding pe	riod	
				Seasona at an	lly adju	sted es					Quart rat			er one ar ago
 1997	1998	1999	I 99	II 99	III 99	IV 99	I 00r	1998	1999	II 99	III 99	IV 99	I 00r	I 00r

r revised

1. Personal income is also equal to national income less corporate profits with inventory valuation and capital consumption adjustments, net interest, contributions for social insurance, and wage accruals less disbursements, plus personal interest income, personal dividend income, government transfer payments to persons, and business transfer payments to persons.

2. Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.

Corporate profits with inventory valuation and capital consumption															
adjustments	838.5	848.4	892.7	886.9	880.5	884.1	919.4	965.6	1.2	5.2	7	. 4	4.0	5.0	8.9
Profits before tax  Profits tax liability	795.9 238.3	781.9 240.2	848.5 259.4	818.1 248.0	835.8 254.4	853.8 259.4	886.3 275.7	936.5 290.8	-1.8	8.5 8.0	2.2	2.1	3.8 6.3	5.7 5.5	14.5 17.2
Profits after tax	557.6	541.7	589.1	570.1	581.4	594.3	610.6	645.8	-2.9	8.8	2.0	2.2	2.7	5.8	13.3
Dividends	333.7 223.9	348.6 193.1	364.7 224.4	356.4 213.7	361.5 219.9	367.3 227.0	373.5 237.1	380.0 265.8	4.5 -13.8	4.6 16.2	1.4	1.6	1.7	1.7 12.1	6.6 24.4
ondistributed profits	223.5	193.1	224.4	213.7	215.5	227.0	237.1	205.0	-13.0	10.2	2.5	3.2	4.4	12.1	24.4
Inventory valuation adjustment	7.4	20.9	-13.0	13.3	-13.6	-26.7	-24.9	-26.7							
Capital consumption adjustment	35.3	45.6	57.2	55.5	58.2	57.0	58.0	55.7	29.3	25.4	5.0	-2.1	1.7	-4.0	.4
Addenda: Corporate profits after tax with inventory valuation and capital consumption adjustments	600.2	608.2	633.3	638.9	626.0	624.7	643.6	674.8	1.3	4.1	-2.0	2	3.0	4.8	5.6
Net cash flow with inventory valuation and capital consumption adjustmentsUndistributed profits with	845.3	876.5	929.7	923.4	916.7	929.0	949.9	990.7	3.7	6.1	7	1.3	2.2	4.3	7.3
inventory valuation and capital consumption adjustments	266.6	259.6	268.6	282.5	264.5	257.4	270.1	294.8	-2.6	3.5	-6.4	-2.7	5.0	9.1	4.4
Consumption of fixed capital	578.8	616.9	661.1	640.9	652.2	671.6	679.7	695.8	6.6	7.2	1.8	3.0	1.2	2.4	8.6
Less: Inventory valuation adjustment	7.4	20.9	-13.0	13.3	-13.6	-26.7	-24.9	-26.7							
-	000 0	055.5		010 1	020.2	055.6	074.0		0.1	10.0	0.0	0.5	0.0	4.4	11 0
Equals: Net cash flow	838.0	855.5	942.7	910.1	930.3	955.6	9/4.8	1,017.3	2.1	10.2	2.2	2.7	2.0	4.4	11.8

Table 11.--Corporate Profits by Industry: Level and Change From Preceding Period
[Billions of dollars]

				Lev	el			Change from preceding period						
_				Season	ally adj	usted at	annual	rates						
	1997	1998	1999	I 99	II 99	III 99	IV 99	I 00r		1999	II 99	III 99	IV 99	I 00
Corporate profits with IVA and CCAdj	838.5	848.4	892.7	886.9	880.5	884.1		965.6	9.9	44.3	-6.4	3.6	35.3	46.2
Domestic industries	730.4	748.4	789.4	782.6	777.1	776.0	821.9	859.8	18.0	41.0	-5.5	-1.1	45.9	37.9
Financial Nonfinancial	167.3 563.1	171.7 576.7	186.6 602.8	185.4 597.2	177.6 599.5	182.0 594.0	201.5 620.3	203.2 656.7	4.4 13.6	14.9 26.1	-7.8 2.3	4.4 -5.5	19.5 26.3	1.7 36.4
Rest of the world	108.1	100.0	103.3	104.3	103.3	108.1	97.5	105.8	-8.1	3.3	-1.0	4.8	-10.6	8.3
Receipts from the rest of the world Less: Payments to the rest of the world	159.7 51.6	148.4 48.4	166.2 62.8	157.0 52.7	164.1 60.8	169.5 61.4	174.0 76.5	187.0 81.3	-11.3 -3.2	17.8 14.4	7.1 8.1	5.4	4.5 15.1	13.0
Corporate profits with IVA	803.2	802.8	835.6	831.4	822.2	827.1	861.4	909.9	4	32.8	-9.2	4.9	34.3	48.5
Domestic industries. Financial. Federal Reserve banks. Other.	695.1 184.2 23.3 160.9	702.8 191.3 24.6 166.7	732.2 208.1 25.6 182.5	727.1 205.3 24.3 180.9	718.9 198.3 24.5 173.7	719.0 203.9 25.5 178.4	763.9 224.9 28.1 196.8	804.1 228.4 29.3 199.1	7.7 7.1 1.3 5.8	29.4 16.8 1.0 15.8	-8.2 -7.0 .2 -7.2	.1 5.6 1.0 4.7	44.9 21.0 2.6 18.4	40.2 3.5 1.2 2.3
Nonfinancial.  Manufacturing Durable goods. Primary metal industries. Fabricated metal products. Industrial machinery and equipment. Electronic and other electric	510.9 185.6 93.3 5.1 16.7 13.5	511.5 168.4 95.1 5.4 17.3 14.6	524.2 165.6 98.6 .9 18.9 17.9	521.9 171.0 100.5 1.7 19.4 16.6	520.6 167.8 100.7 1.2 19.0 18.6	515.1 163.1 94.4 .4 19.4 17.1	539.0 160.3 99.0 .5 17.6 19.3	575.8 179.6 99.9 2.0 19.1 16.1	.6 -17.2 1.8 .3 .6 1.1	12.7 -2.8 3.5 -4.5 1.6 3.3	-1.3 -3.2 .2 5 4 2.0	-5.5 -4.7 -6.3 8 .4 -1.5	23.9 -2.8 4.6 .1 -1.8 2.2	36.8 19.3 .9 1.5 1.5
equipment	22.1 4.9 30.9	18.2 7.5 32.2	20.7 10.2 30.1	20.5 10.7 31.6	19.6 10.4 32.0	20.8 9.5 27.2	21.9 10.1 29.5	24.0 10.4 28.4	-3.9 2.6 1.3	2.5 2.7 -2.1	9 3 .4	1.2 9 -4.8	1.1 .6 2.3	2.1 -1.1
Nondurable goods Food and kindred products. Chemicals and allied products. Petroleum and coal products. Other.	92.3 22.1 26.0 16.0 28.2	73.3 17.0 20.6 8.3 27.3	66.9 16.0 19.9 1.5 29.6	70.5 17.2 25.1 9 29.0	67.0 18.6 20.8 3 28.0	68.7 18.7 17.4 3.6 29.0	61.4 9.2 16.2 3.7 32.2	79.6 17.5 23.5 6.3 32.3	-19.0 -5.1 -5.4 -7.7 9	-6.4 -1.0 7 -6.8 2.3	-3.5 1.4 -4.3 .6 -1.0	1.7 .1 -3.4 3.9 1.0	-7.3 -9.5 -1.2 .1 3.2	18.2 8.3 7.3 2.6
Transportation and public utilities Transportation Communications Electric, gas, and sanitary services	104.7 18.5 47.4 38.8	109.0 19.4 49.3 40.2	116.3 18.1 55.4 42.7	111.9 18.3 52.2 41.5	107.9 17.2 52.5 38.2	117.3 17.7 56.4 43.2	128.0 19.3 60.7 48.0	132.1 18.1 63.4 50.6	4.3 .9 1.9 1.4	7.3 -1.3 6.1 2.5	-4.0 -1.1 .3 -3.3	9.4 .5 3.9 5.0	10.7 1.6 4.3 4.8	4.1 -1.2 2.5 2.6
Wholesale trade. Retail trade. Other.	46.8 63.7 110.1	47.2 69.8 117.1	42.4 72.9 127.1	43.4 75.7 119.8	44.3 75.4 125.2	39.1 67.7 127.9	42.8 72.6 135.3	45.3 82.5 136.3	.4 6.1 7.0	-4.8 3.1 10.0	.9 3 5.4	-5.2 -7.7 2.7	3.7 4.9 7.4	2.5 9.9 1.0
Rest of the world		100.0	103.3	104.3	103.3	108.1	97.5	105.8	-8.1	3.3	-1.0	4.8	-10.6	8.3
Rest of the world.  r revised IVA Inventory valuation adjustment CCAdj. Capital consumption adjustment Table 12	-Gross P	roduct o	f Nonfin	ancial C	orporate	Busines								
						Seaso	nally ad	justed at	annual	rates				

					Seasonally	adjusted at	annual rat	es
	1997	1998	1999	I 99	II 99	III 99	IV 99	I 00r
			T	Billions of	dollare			
Gross product of nonfinancial corporate business		4,766.4	5,072.5		5,022.8	5,102.5	5,207.9	5,325.0
Consumption of fixed capital	490.9	520.6	554.7	539.0	547.5	563.8	568.5	580.8
Net product Indirect business tax and nontax liability plus business transfer	3,973.5	4,245.9	4,517.8	4,417.6	4,475.3	4,538.8	4,639.4	4,744.2
				of chained	l (1996) dol	llars		
Consumption of fixed capital\1\ Net product\2\	493.7 3,945.8	530.0 4,206.6	577.1 4,436.9	554.1 4,356.9	566.9 4,397.4	587.3 4,456.7	600.0 4,536.5	616.2 4,614.1
<del></del>				Dollar	S			
Price, costs, and profits per unit of real gross product of nonfinancial corporate business:								
Price per unit of real gross product of nonfinancial corporate business\3\	1.006	1.006	1.012	1.009	1.012	1.012	1.014	1.018
Compensation of employees (unit labor cost)	.644	.652	.658	.656	.659	.659	.657	.656
Unit nonlabor cost	.235 .111	.232 .110	.234	.232 .110	.232 .110	.235 .112	.236 .111	.236 .111
payments less subsidies Net interest	.097 .027	.096 .026	.097 .026	.096 .026	.096 .026	.096	.098	.098 .027

Corporate profits with IVA and CCADJ.								
(unit profits from current production)	.127	.122	.120	.122	.121	.118	.121	.126
Profits tax liability	.036	.032	.033	.032	.034	.034	.034	.036
Profits after tax with IVA and CCAdj	.091	.090	.087	.089	.087	.084	.086	.089

Profits after tax with IVA and CCAdj... .091 .090 .087 .089

r revised

1. Chained-dollar consumption of fixed capital of nonfinancial corporate
business is calculated as the product of the chain-type quantity index and the
1996 current-dollar value of the corresponding series, divided by 100.

2. Chained-dollar met product of nonfinancial corporate business is the
difference between the gross product and the consumption of fixed capital.

by 100.

The deflator for gross product of nonfinancial corporate business divided
by 100.

The deflator for gross product of nonfinancial corporate business divided
CCAdj. Capital consumption adjustment

Appendix Table A.--Real Gross Domestic Product and Related Aggregates and Price Indexes: Percent Change From Preceding Period

	1997	1998	1999	II 96	III 96	IV 96	I 97	II 97	III 97	IV 97	I 98	II 98	III 98	IV 98	I 99	II 99	III 99	IV 99	I 00
DP and related aggregates: GDP	4.2	4.3	4.2	6.8	2.0	4.6	4.5	4.9	3.8	3.0	6.9	2.2	3.8	5.9	3.7	1.9	5.7	7.3	5.5
GoodsServicesStructures	6.4 2.7 4.4	6.0 2.9 5.5	5.4 3.4 3.7	9.0 3.9 15.1	4.7 .4 .6	4.2 4.6 6.7	8.8 1.3 5.6	7.9 3.6 .1	4.9 3.0 4.8	3.7 2.6 2.5	14.0 1.6 9.7	-3.0 5.1 7.6	5.7 2.7 2.7	11.7 2.2 5.0	2.9 3.1 10.2	.5 3.7 -2.8	9.5 4.4 -2.0	11.5 4.8 4.7	7.8 2.7 12.5
Motor vehicle output GDP less motor vehicle output	6.6 4.2	7.5 4.2	9.3 4.0	69.6 5.0	-2.4 2.2	-19.2 5.6	11.4 4.2	4.0 4.9	28.7 3.0	13.7 2.6	-4.4 7.3	-8.2 2.6	6.3	69.2 4.1	-20.7 4.7	8.4 1.6	26.2 5.0	5.1 7.4	-4.1 5.8
Final sales of computers\1\ GDP less final sales of computers.	45.4 3.9	53.9 3.9	44.1 3.8	36.6 6.5	45.4 1.6	33.0 4.4	56.1 4.0	51.2 4.5	53.6 3.4	19.9 2.8	66.8 6.3	62.2 1.7	77.5 3.2	44.4 5.6	31.6 3.4	44.2 1.5	53.2 5.2	15.4 7.2	87.0 4.8
Farm product\2\	12.0	-2.5	-1.2	14.5	1	4.3	28.2	11.0	18.6	-8.6	-9.1	-11.5	7.2	3.4	-4.8	5.9	-21.1	21.2	4.0
Nonfarm business less housing product\3\	5.1	5.3	4.8	7.7	2.4	5.8	5.1	5.9	4.6	4.1	8.7	2.4	4.5	7.4	4.1	1.9	6.9	8.6	6.3
rice indexes: GDPGDP less food and energy GDP less final sales of computers.	1.9 2.0 2.3	1.2 1.3 1.6	1.4 1.5 1.8	1.4 .8 1.8	2.0 2.1 2.3	1.6 2.0 2.0	2.8 2.7 3.2	1.8 1.9 2.1	1.3 1.2 1.7	1.3 1.4 1.6	.9 1.0 1.3	1.1 1.3 1.5	1.3 1.4 1.9	.8 1.0 1.2	2.0 1.9 2.4	1.3 1.4 1.5	1.1 1.2 1.3	2.0 2.2 2.2	3.0 2.5 3.3
Gross domestic purchases Gross domestic purchases less	1.6	.7	1.5	1.3	1.7	2.1	2.3	.8	1.2	1.2	1	.8	1.0	.9	1.6	1.9	1.7	2.3	3.5
food and energy	1.6	1.0	1.3	.5 1.8	1.7	1.7	2.2	1.6	1.0	1.1	.6	1.1	1.2	1.1	1.7	1.2	1.2	1.9	2.5
Personal consumption expenditures.	2.0	.9	1.6	2.6	1.6	2.8	2.6	1.1	1.3	1.2	.3	1.1	1.1	1.1	1.5	2.2	1.8	2.5	3.5
Personal consumption expenditures less food and energy	2.0	1.3	1.4	1.7	1.6	2.2	2.5	2.3	1.0	1.1	1.1	1.6	1.3	1.3	1.5	1.3	1.2	2.0	2.2
revised  1. For some components of final sale computing a final sale computing the sale constitution of the sale constitution of the sale constitution of the sale final sale final sale sale sale sale sale sale sale sale	es of coods and of of fa	service arm, of al gover	es puro	hased.															

## Explanatory Note: Measures of Output and Prices

This note describes the calculation of chain-type quantity and price indexes used in the NIPA's.

Changes in current-dollar GDP measure changes in the market value of goods, services, and structures produced in the economy in a particular period. These changes can be decomposed into quantity and price components. Quantities, or "real" measures, and prices are expressed as index numbers with the reference year--at present, the year 1996--equal to 100.

The annual changes in quantities and prices are calculated using a Fisher formula that incorporates weights from two adjacent years. (Quarterly changes in quantities and prices are calculated using a Fisher formula that incorporates weights from two adjacent quarters; quarterly indexes are adjusted for consistency to the annual indexes before percent changes are calculated.) For example, the 1997-98 annual percent change in real GDP uses prices for 1997 and 1998 as weights, and the 1997-98 annual percent change in GDP prices uses quantities for 1997 and 1998 as weights. These annual changes are "chained" (multiplied) together to form time series of quantity and price indexes. The Fisher formula also produces percent changes in quantities and prices that are not affected by the choice of reference years. In addition, because the changes in quantities and prices calculated in this way are symmetric, in general, the product of a quantity index and the corresponding price index equals the current-dollar index. (BEA also publishes a measure of the price level known as the "implicit price deflator (IPD)," which is calculated as the ratio of current-dollar value to the corresponding chained-dollar value, multiplied by 100. The values of the IPD are very close to the values of the corresponding "chain-type" price index for all periods.)

Chain-type quantity and price indexes for GDP and its major components are presented in this release as index numbers in table 5 and in the form of percentage changes from the preceding period in tables 1, 4, 6A, and 6B. Contributions by major components to changes in real GDP are presented in table 2. BEA also prepares measures of real GDP and its components in a dollar-denominated form, designated "chained (1996) dollar estimates." For GDP and most other series, these estimates, which are presented in table 3, are computed by multiplying the 1996 current-dollar value by a corresponding quantity index number and then dividing by 100. For example, if a current-dollar GDP component equaled \$100 in 1996 and if real output for this component increased 10 percent in 1997, then the chained (1996) dollar value of this component in 1997 would be \$110 (\$100 x 1.10).

For analyses of changes over time in an aggregate or in a component, the percentage changes calculated from the chained-dollar estimates and from the chain-type quantity indexes are the same; any differences will be small and due to rounding. However, because the relative prices used as weights for any period other than the reference year differ from those used for the reference year, the chained-dollar values for the detailed GDP components will not necessarily sum to the chained-dollar estimate of GDP or to any intermediate aggregate. A measure of the extent of such differences is provided by a "residual" line, which indicates the difference between GDP (or another major aggregate) and the sum of the most detailed components in the table. For periods close to the reference year, when there usually has not been much change in the relative prices that are used as weights for the chain-type index, the residuals tend to be small, and the chained (1996) dollar estimates can be used to approximate the contributions to growth and to aggregate the detailed estimates. As one moves further from the reference year, the residual tends to become larger, and the chained-dollar estimates become less useful for analyses of contributions to growth. Thus, the contributions to percent change shown in table 2 provide a better measure of the composition of GDP growth. In particular, for components for which relative prices are changing rapidly, calculation of contributions using chained-dollar estimates may be misleading even just a few years from the reference year.

References: "A Preview of the 1999 Comprehensive Revision of the NIPA's: Statistical Changes," October 1999 <u>Survey</u>, pp. 6-17; "A Guide to the NIPA's," March 1998 <u>Survey</u>, pp. 36-40; "BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth," May 1997 Survey, pp. 58-68.